

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	8371	(sputter or sputtering) and target and anode and electrode	US-PGPUB; USPAT	ADJ	ON	2008/12/29 16:12
L5	1152	(sputter or sputtering) and (target same anode same electrode)	US-PGPUB; USPAT	ADJ	ON	2008/12/29 16:12
L6	103	(sputter or sputtering) and (target same anode same electrode same alternat\$3)	US-PGPUB; USPAT	ADJ	ON	2008/12/29 16:13
S1	50	(("5773787") or ("5298290") or ("5948224") or ("6007681") or ("6149783") or ("4766287") or ("5405448") or ("6083356") or ("6176979") or ("4352044") or ("4384287") or ("4527044") or ("4600563") or ("4761618") or ("4792727") or ("5287791") or ("5530365") or ("5705081") or ("5760496") or ("5812361") or ("5852278") or ("6005305") or ("4271369") or ("4276507") or ("4349505") or ("4398526") or ("4407259") or ("4418660") or ("4446560") or ("4471469") or ("4555641") or ("4606799") or	US-PGPUB; USPAT	OR	OFF	2008/02/05 18:06

		("4611110") or ("4615906") or ("4762728") or ("4780803") or ("4788691") or ("4818916") or ("4877999") or ("4891118") or ("4897556") or ("4918468") or ("4921724") or ("4922205") or ("4924485") or ("4950377") or ("5192578") or ("5195045") or ("5215636") or ("5228939")).PN.				
S2	18	("3440418"   "3514393"   "3671195"   "3816196"   "3875068"   "4182646"   "4230515"   "4253907"   "4304983").PN. OR ("4600563").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/06 15:57
S3	13278	(vacuum near2 chamber) same plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/06 16:06
S4	181	rectifier and S3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/06 16:07
S5	170	rectifier and S3	US-PGPUB; USPAT	ADJ	ON	2008/02/06 16:07
S6	44	rectifier and S3 and (AC near4 voltage)	US-PGPUB; USPAT	ADJ	ON	2008/02/06 16:08
S7	25	rectifier and S3 and (AC near4 voltage) and controller	US-PGPUB; USPAT	ADJ	ON	2008/02/06 16:08
S8	6	vacuum plasma generator	US-PGPUB; USPAT	ADJ	ON	2008/02/06 20:25
S9	2400	rectifier and transformer and pulse and converter and (AC voltage) and bridge	US-PGPUB; USPAT	ADJ	ON	2008/02/06 20:28

S10	94	rectifier and transformer and pulse and converter and (AC voltage) and (full bridge circuit)	US-PGPUB; USPAT	ADJ	ON	2008/02/06 20:29
S11	47	rectifier and transformer and pulse and converter and (AC voltage) and (full bridge circuit) and leakage	US-PGPUB; USPAT	ADJ	ON	2008/02/06 20:29
S12	0	("10014267").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/07 13:24
S13	1	("1014267").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/07 13:24
S14	7	Airco Temescal CI-2A	US-PGPUB; USPAT	ADJ	ON	2008/02/07 14:58
S15	2	((("5286534") or ("5232791"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/02/24 17:32
S16	0	(leakage near1 inductance) and transformer and ".m. H"	US-PGPUB; USPAT	ADJ	ON	2008/02/25 17:17
S17	0	(leakage near1 inductance) and transformer and ". mu.H"	US-PGPUB; USPAT	ADJ	ON	2008/02/25 17:17
S18	0	(leakage near1 inductance) and transformer and (" . micron.H")	US-PGPUB; USPAT	ADJ	ON	2008/02/25 17:18
S19	2258	microhenry	US-PGPUB; USPAT	ADJ	ON	2008/02/25 17:19
S20	13	(microhenry or microhenries) and tranformer	US-PGPUB; USPAT	ADJ	ON	2008/02/25 17:20
S21	8	(microhenry or microhenries) and tranformer and inductance	US-PGPUB; USPAT	ADJ	ON	2008/02/25 17:20
S22	3	(microhenry or microhenries) and tranformer and inductance and leak \$3	US-PGPUB; USPAT	ADJ	ON	2008/02/25 17:20

S23	222535	input same (voltage and current)	US-PGPUB; USPAT	ADJ	ON	2008/02/25 18:49
S24	0	S23 and vacuum generator plasma	US-PGPUB; USPAT	ADJ	ON	2008/02/25 18:49
S25	14299	S23 and vacuum	US-PGPUB; USPAT	ADJ	ON	2008/02/25 18:50
S26	7567	S23 and vacuum and electrode	US-PGPUB; USPAT	ADJ	ON	2008/02/25 18:50
S27	378	S23 and vacuum and electrode and "204".clas.	US-PGPUB; USPAT	ADJ	ON	2008/02/25 18:51
S28	7	S23 and vacuum and electrode and (Airco temescal)	US-PGPUB; USPAT	ADJ	ON	2008/02/25 18:52
S29	5046	S23 and vacuum and electrode	USPAT	ADJ	ON	2008/02/25 18:53
S30	1940	S23 and vacuum and electrode and deposition	USPAT	ADJ	ON	2008/02/25 19:07
S31	723	S23 and vacuum and electrode and deposition and carbon	USPAT	ADJ	ON	2008/02/25 19:07
S32	27	S23 and vacuum and electrode and deposition and carbon and (hollow cathode)	USPAT	ADJ	ON	2008/02/25 19:07
S33	1509	bipolar pulse	US-PGPUB; USPAT	ADJ	ON	2008/02/26 11:11
S34	880	S33 and negative with positive	US-PGPUB; USPAT	ADJ	ON	2008/02/26 11:11
S35	63	S34 and vacuum and plasma and deposit\$3	US-PGPUB; USPAT	ADJ	ON	2008/02/26 11:11
S36	39289	bridge near1 (circuit or rectifier)	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:00
S37	74	S36 and (switched same offset same phase)	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:01
S38	1	S37 and vacuum and plasma	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:01
S39	25	S37 and plasma	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:01

S40	569	(carbon or DLC or diamond-like) and (aluminum near1 oxide) and ((alpha or gamma) near1 phase)	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:17
S41	305	(carbon or DLC or diamond-like) and (aluminum near1 oxide) and ((alpha or gamma) near1 phase) and deposit \$3	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:17
S42	106	(carbon or DLC or diamond-like) and (aluminum near1 oxide) and ((alpha or gamma) near1 phase) and deposit \$3 and plasma	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:18
S43	1	(carbon or DLC or diamond-like) and (aluminum near1 oxide) and ((alpha or gamma) near1 phase) and (hollow near1 cathode)	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:18
S44	238	(aluminum near1 oxide) and (hollow cathode) and deposit \$3 and plasma	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:49
S45	239	(aluminum near1 oxide) and (hollow near1 cathode) and deposit\$3 and plasma	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:50
S46	207	(aluminum near1 oxide) and (hollow near1 cathode) and deposit\$3 and plasma and vacuum	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:50
S47	47	(aluminum near1 oxide) and (hollow near1 cathode) and deposit\$3 and plasma and vacuum and "204".clas.	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:50

S48	0	(aluminum near1 oxide) and (hollow near1 cathode) and (electrode near1 plate) and "204". clas.	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:51
S49	15	(aluminum near1 oxide) and (hollow near1 cathode) and (electrode near1 plate)	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:51
S50	96	aluminum and (hollow near1 cathode) and (electrode near1 plate)	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:54
S51	44	(aluminum same deposit\$3) and (hollow near1 cathode) and (electrode near1 plate)	US-PGPUB; USPAT	ADJ	ON	2008/02/26 13:55
S52	1	("6433545").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/26 14:10
S53	3364	(carbon or DLC or diamond-like) and ((alpha or gamma) near1 phase)	US-PGPUB; USPAT	ADJ	ON	2008/02/26 15:31
S54	458	(carbon or DLC or diamond-like) and ((alpha or gamma) near1 phase) and plasma and deposit \$3	US-PGPUB; USPAT	ADJ	ON	2008/02/26 15:32
S55	10	(carbon or DLC or diamond-like) and ((alpha or gamma) near1 phase) and plasma and deposit \$3 and (hollow near1 cathode)	US-PGPUB; USPAT	ADJ	ON	2008/02/26 15:32
S56	29285	transformer and (primary near1 winding) and (secondary near1 winding)	US-PGPUB; USPAT	ADJ	ON	2008/07/21 10:24

S57	1594	S56 and (bipolar or bi-polar) and electrode	US-PGPUB; USPAT	ADJ	ON	2008/07/21 10:25
S58	905	S56 and (bipolar or bi-polar) and electrode and polarity	US-PGPUB; USPAT	ADJ	ON	2008/07/21 10:38
S59	144	S56 and (bipolar or bi-polar) and electrode and (alternating with polarity)	US-PGPUB; USPAT	ADJ	ON	2008/07/21 10:38
S60	101	S56 and (bipolar or bi-polar) and electrode and (alternating with polarity) and cathode and anode	US-PGPUB; USPAT	ADJ	ON	2008/07/21 10:39
S61	17	S56 and (bipolar or bi-polar) and electrode and (alternating with polarity) and cathode and anode and plasma	US-PGPUB; USPAT	ADJ	ON	2008/07/21 10:39
S62	4	("4661228"   "5415757"   "6420863"   "6824653").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/21 10:45
S63	1	10/507095.app.	US-PGPUB; USPAT	ADJ	ON	2008/07/21 15:27
S64	1	("5262028").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/21 16:17
S65	10889	reactive near1 (sputter or sputtering)	US-PGPUB; USPAT	ADJ	ON	2008/07/21 16:23
S66	3789	S65 and (alumina or (aluminum near1 oxide) or "Al.sub.2" "O.sub.3")	US-PGPUB; USPAT	ADJ	ON	2008/07/21 16:24
S67	47	S66 and (deposition near1 electrode)	US-PGPUB; USPAT	ADJ	ON	2008/07/21 16:24
S68	814	S66 and (deposition with electrode)	US-PGPUB; USPAT	ADJ	ON	2008/07/21 16:29
S69	389	S66 and (deposition with cathode)	US-PGPUB; USPAT	ADJ	ON	2008/07/21 16:29

S70	263	S66 and (deposition with cathode)	USPAT	ADJ	ON	2008/07/21 16:30
S71	145	S66 and (deposition with (cathode and target))	USPAT	ADJ	ON	2008/07/21 16:30

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